

FCC CERTIFICATION
On Behalf of
Shenzhen Topfox Technology Co., Ltd.

Wireless Finger Mouse
Model No.: TF-F2

FCC ID: VL9TFF2

Prepared for : Shenzhen Topfox Technology Co., Ltd.
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Test Report Certification

Applicant : Shenzhen Topfox Technology Co., Ltd.
 Manufacturer : Shenzhen Topfox Technology Co., Ltd.
 EUT Description : Wireless Finger Mouse
 (A) MODEL NO.: TF-F2
 (B) SERIAL NO.: N/A
 (C) POWER SUPPLY: DC 3.7V (lithium battery × 1)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249: 2006 & ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.249 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : August 23, 2007

Prepared by : 
 (Engineer)

Reviewer : 
 (Quality Manager)

Approved & Authorized Signer : 
 (Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

| | | |
|-------------------------|---|---|
| EUT | : | Wireless Finger Mouse |
| Model Number | : | TF-F2 |
| Power Supply | : | DC 3.7V (lithium battery × 1) |
| Operate Frequency | : | 2410M-2470MHz |
| Channel Number | : | 75; Channel Separation:810.9KHz |
| Applicant | : | Shenzhen Topfox Technology Co., Ltd. |
| Address | : | Rm.21G, Huifuge, Caifu Building, Caitian North Road Futian, Shenzhen City, China |
| Manufacturer | : | Shenzhen Topfox Technology Co., Ltd. |
| Address | : | Rm.21G, Huifuge, Caifu Building, Caitian North Road Futian, Shenzhen City, China |
| Date of sample received | : | August 20, 2007 |
| Date of Test | : | August 23, 2007 |

1.2. Description of Test Facility

| | | |
|---------------|---|---|
| EMC Lab | : | Accredited by TUV Rheinland Shenzhen, May 10, 2004 Accredited by FCC, May 10, 2004 The Certificate Registration Number is 253065 Accredited by Industry Canada, May 18, 2004 The Certificate Registration Number is IC 5077 |
| Name of Firm | : | ACCURATE TECHNOLOGY CO. LTD |
| Site Location | : | F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China |

1.3. Measurement Uncertainty

| | | |
|---|---|-------------|
| Conducted emission expanded uncertainty | = | 2.23dB, k=2 |
| Radiated emission expanded uncertainty | = | 4.12dB, k=2 |

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

| Kind of equipment | Manufacturer | Type | S/N | Calibrated until |
|-------------------|---------------|----------|------------|------------------|
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | 03.31.2008 |
| EMI Test Receiver | Rohde&Schwarz | ESI26 | 838786/013 | 01.24.2008 |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-194 | 03.31.2008 |
| Bilog Antenna | Chase | CBL6112B | 2591 | 01.24.2008 |
| Horn Antenna | Rohde&Schwarz | HF906 | 100013 | 01.24.2008 |
| Spectrum Analyzer | Anritsu | MS2651B | 6200238856 | 03.31.2008 |
| Pre-Amplifier | Agilent | 8447D | 2944A10619 | 03.31.2008 |
| L.I.S.N. | Rohde&Schwarz | ESH3-Z5 | 100305 | 03.31.2008 |
| L.I.S.N. | Rohde&Schwarz | ESH3-Z5 | 100310 | 03.31.2008 |

3. FUNDAMENTAL AND HARMONICS RADIATED EMISSION MEASUREMENT

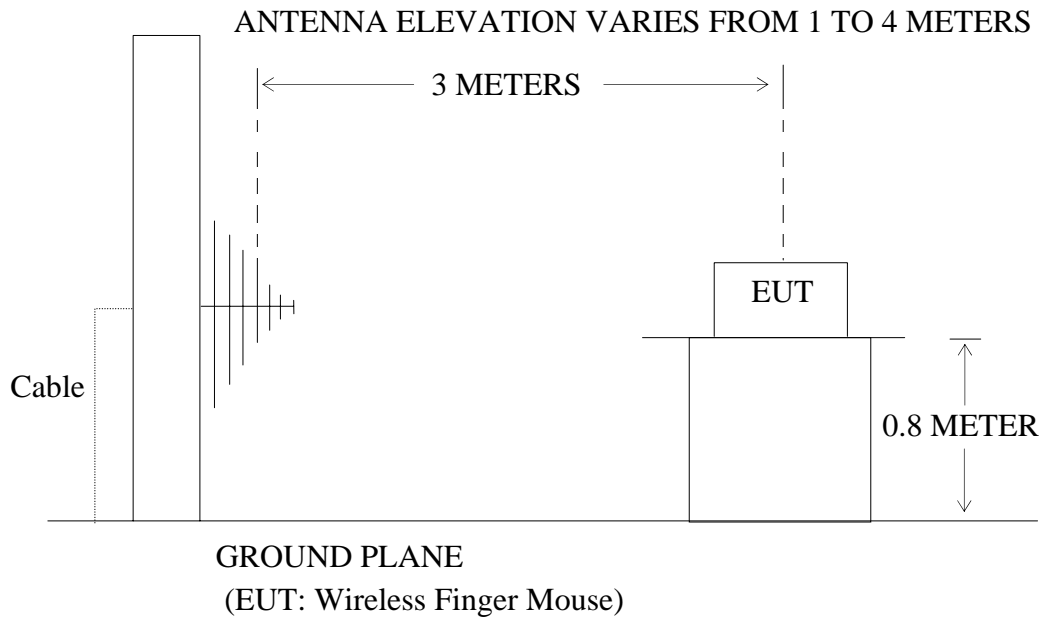
3.1. Block Diagram of Test Setup

3.1.1. Block diagram of connection between the EUT and simulators



(EUT: Wireless Finger Mouse)

3.1.2. Anechoic Chamber Test Setup Diagram



3.2. The Emission Limit

- 3.2.1 For intentional radiators, According to section 15.249(a), Operation within the frequency band of 2.4 to 2.4835GHz, The fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

| Fundamental Frequency | Field Strength of Fundamental (millivolts/meter) | Field Strength of harmonics (microvolts/meter) |
|-----------------------|--|--|
| 902-928MHz | 50 | 500 |
| 2400-2483.5MHz | 50 | 500 |
| 5725-5875MHz | 50 | 500 |
| 24.0-24.25GHz | 250 | 2500 |

- 3.2.2 According to section 15.249(e), as shown in section 15.35(b), The peak field strength

of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

3.3. Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.3.1. Wireless Finger Mouse (EUT)

Model Number : TF-F2
Serial Number : N/A
Manufacturer : Shenzhen Topfox Technology Co., Ltd.

3.4. Operating Condition of EUT

3.4.1. Setup the EUT and simulator as shown as Section 3.1.

3.4.2. Turn on the power of all equipment.

3.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2410M-2470MHz. We are select 2410M, 2440M, 2470MHz TX frequency to transmitted.

3.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 1MHz.

3.6. The Field Strength of Radiation Emission Measurement Results

PASS.

| | | | |
|---------------|-----------------------|----------------|-------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery × 1) |
| Test Mode: | TX 2410MHz | Test Engineer: | Andy |

Fundamental Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| 2410.020 | 65.1 | 87.2 | -3.6 | 61.5 | 83.6 | 94 | 114 | 32.5 | 30.4 | Vertical |
| 2410.020 | 63.3 | 85.2 | -3.6 | 59.7 | 81.6 | 94 | 114 | 34.3 | 32.4 | Horizontal |

Harmonics Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| *4820.030 | 31.6 | 48.2 | 2.1 | 33.7 | 50.3 | 54 | 74 | 20.3 | 23.7 | Vertical |
| 7230.050 | 33.1 | 51.7 | 7.0 | 40.1 | 58.7 | 54 | 74 | 13.9 | 15.3 | Vertical |
| *4820.030 | 33.3 | 51.2 | 2.1 | 35.4 | 53.3 | 54 | 74 | 18.6 | 20.7 | Horizontal |
| 7230.050 | 32.0 | 49.7 | 7.0 | 39.0 | 56.7 | 54 | 74 | 15.0 | 17.3 | Horizontal |

Note:

1. The emission emitted by the EUT is too low to be measured except the emission listed above.
2. *: Denotes restricted band of operation.
3. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

| | | | |
|---------------|-----------------------|----------------|------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery ×1) |
| Test Mode: | TX 2440MHz | Test Engineer: | Andy |

Fundamental Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| 2440.831 | 67.8 | 88.4 | -3.5 | 64.3 | 84.9 | 94 | 114 | 29.7 | 29.1 | Vertical |
| 2440.831 | 65.0 | 86.8 | -3.5 | 61.5 | 83.3 | 94 | 114 | 32.5 | 30.7 | Horizontal |

Harmonics Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| *4881.760 | 31.9 | 48.7 | 2.2 | 34.1 | 50.9 | 54 | 74 | 19.9 | 23.1 | Vertical |
| *7322.318 | 31.9 | 50.1 | 7.2 | 39.1 | 57.3 | 54 | 74 | 14.9 | 16.7 | Vertical |
| *4881.760 | 33.5 | 51.4 | 2.2 | 35.7 | 53.6 | 54 | 74 | 18.3 | 20.4 | Horizontal |
| *7322.318 | 31.3 | 48.6 | 7.2 | 38.5 | 55.8 | 54 | 74 | 15.5 | 18.2 | Horizontal |

Note:

1. The emission emitted by the EUT is too low to be measured except the emission listed above.
2. *: Denotes restricted band of operation.
3. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

| | | | |
|---------------|-----------------------|----------------|------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery ×1) |
| Test Mode: | TX 2470MHz | Test Engineer: | Andy |

Fundamental Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| 2470.891 | 64.9 | 87.1 | -3.4 | 61.5 | 83.7 | 94 | 114 | 32.5 | 30.3 | Vertical |
| 2470.891 | 63.1 | 85.1 | -3.4 | 59.7 | 81.7 | 94 | 114 | 34.3 | 32.3 | Horizontal |

Harmonics Radiated Emissions

| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|--------------------|-----------------|------|---------------------|----------------|------|---------------|------|----------------|------|--------------|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| *4941.783 | 32.6 | 49.5 | 2.2 | 34.8 | 51.7 | 54 | 74 | 19.2 | 22.3 | Vertical |
| *7412.424 | 28.5 | 42.3 | 7.4 | 35.9 | 49.7 | 54 | 74 | 18.1 | 24.3 | Vertical |
| *4941.783 | 31.1 | 46.7 | 2.2 | 33.3 | 48.9 | 54 | 74 | 20.7 | 25.1 | Horizontal |
| *7412.424 | 28.5 | 42.2 | 7.4 | 35.9 | 49.6 | 54 | 74 | 18.1 | 24.4 | Horizontal |

Note:

1. The emission emitted by the EUT is too low to be measured except the emission listed above.
2. *: Denotes restricted band of operation.
3. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

4. RADIATED EMISSION FOR FCC PART 15 SECTION 15.249(D)

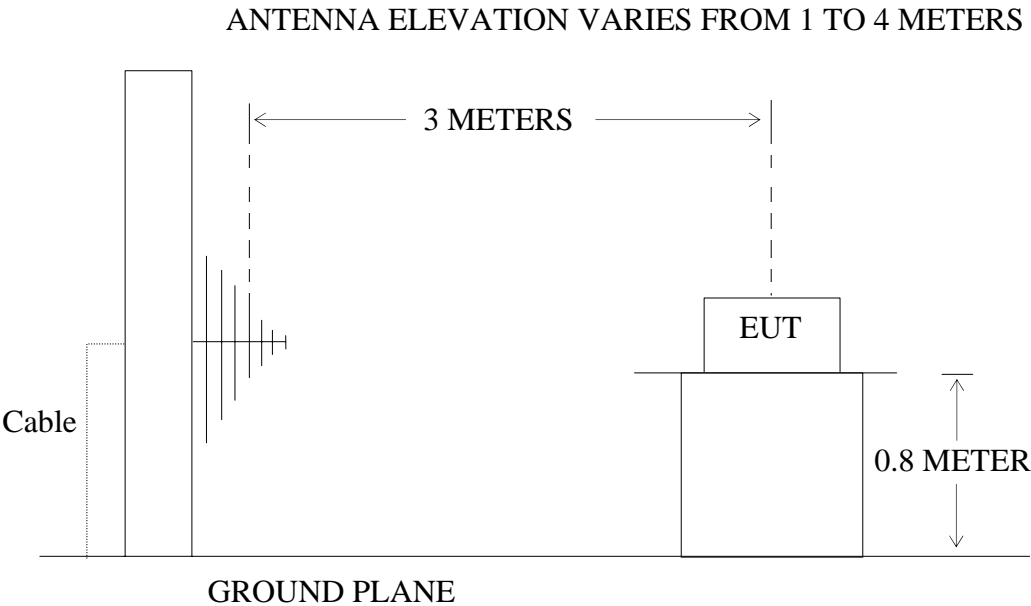
4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



(EUT: Wireless Finger Mouse)

4.1.2. Anechoic Chamber Test Setup Diagram



(EUT: Wireless Finger Mouse)

4.2. The Emission Limit For Section 15.249(d)

4.2.1 Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with the general radiated emission limits in Section 15.209.

Radiation Emission Measurement Limits According to Section 15.209

| Frequency (MHz) | Limit, | | |
|--------------------|---|---|--|
| | Field Strength of Quasi-peak Value (microvolts/m) | Field Strength of Quasi-peak Value (dBμV/m) | The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. |
| 30 - 88 | 100 | 40 | |

| | | | |
|-----------|-----|------|--|
| 88 - 216 | 150 | 43.5 | Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector. |
| 216 - 960 | 200 | 46 | |
| Above 960 | 500 | 54 | |

4.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1. Wireless Finger Mouse (EUT)

Model Number : TF-F2
 Serial Number : N/A
 Manufacturer : Shenzhen Topfox Technology Co., Ltd.

4.4.Operating Condition of EUT

4.4.1. Setup the EUT and simulator as shown as Section 4.1.

4.4.2. Turn on the power of all equipment.

4.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 2410M-2470MHz. We are select 2410M, 2440M, 2470MHz TX frequency to transmitted.

4.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 120KHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

The frequency range from 30MHz to 25000MHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

4.6. The Emission Measurement Result

PASS.

| | | | |
|---------------|-----------------------|----------------|-------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery × 1) |
| Test Mode: | TX 2410MHz | Test Engineer: | Andy |

| Frequency (MHz) | Reading (dBμV/m) | Factor(dB) Corr. | Result (dBμV/m) | Limit (dBμV/m) | Margin (dBμV/m) | Polarization |
|--------------------|---------------------|---------------------|--------------------|-------------------|--------------------|--------------|
| - | - | - | - | - | - | Vertical |
| - | - | - | - | - | - | Horizontal |

Note:

1. -: Denotes the emission emitted by the EUT is too low to be measured .
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

| | | | |
|---------------|-----------------------|----------------|-------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery × 1) |
| Test Mode: | TX 2440MHz | Test Engineer: | Andy |

| Frequency (MHz) | Reading (dBμV/m) | Factor(dB) Corr. | Result (dBμV/m) | Limit (dBμV/m) | Margin (dBμV/m) | Polarization |
|--------------------|---------------------|---------------------|--------------------|-------------------|--------------------|--------------|
| - | - | - | - | - | - | Vertical |
| - | - | - | - | - | - | Horizontal |

Note:

1. -: Denotes the emission emitted by the EUT is too low to be measured .
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

| | | | |
|---------------|-----------------------|----------------|-------------------------------|
| Date of Test: | August 23, 2007 | Temperature: | 26°C |
| EUT: | Wireless Finger Mouse | Humidity: | 49% |
| Model No.: | TF-F2 | Power Supply: | DC 3.7V (lithium battery × 1) |
| Test Mode: | TX 2470MHz | Test Engineer: | Andy |

| Frequency (MHz) | Reading (dBμV/m) | Factor(dB) Corr. | Result (dBμV/m) | Limit (dBμV/m) | Margin (dBμV/m) | Polarization |
|--------------------|---------------------|---------------------|--------------------|-------------------|--------------------|--------------|
| - | - | - | - | - | - | Vertical |
| - | - | - | - | - | - | Horizontal |

Note:

1. -: Denotes the emission emitted by the EUT is too low to be measured .
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

$$\text{Where Corrected Factor} = \text{Antenna Factor} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

5. BAND EDGES

5.1. The Requirement

- 5.1.1. Band Edge from 2400MHz to 2483.5MHz. Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

5.2. EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.2.1. Wireless Finger Mouse (EUT)

| | | |
|---------------|---|--------------------------------------|
| Model Number | : | TF-F2 |
| Serial Number | : | N/A |
| Manufacturer | : | Shenzhen Topfox Technology Co., Ltd. |

5.3. Operating Condition of EUT

- 5.3.1. Setup the EUT and simulator as shown as Section 4.1.

- 5.3.2. Turn on the power of all equipment.

- 5.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2410M-2470MHz. We are select 2410M, 2470MHz TX frequency to transmitted.

5.4. Test Procedure

- 5.4.1. Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the lower band edge amplitude. Get the delta amplitude and edge frequency.

- 5.4.2. Repeat above procedures , Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the upper band edge amplitude. Get the delta amplitude and edge frequency.

5.5. The Measurement Result

Test result in lower band (2410MHz): Pass

Test result in higher band (2470MHz): Pass

5.5.1. The lower band edge emission plot as below, shows 49.3dB delta between carrier maximum field strength and local maximum emission in the restricted band(2400MHz)

| Low Band | The emission of carrier field strength (dBμV/m) | The maximum field strength in restrict band (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Result |
|----------|---|--|----------------|-------------|---------|
| 2410MHz | 83.6 | 34.3 | 74 | 39.7 | Peak |
| 2410MHz | 61.5 | 12.2 | 54 | 41.8 | Average |

5.5.2. The higher band edge emission plot as below, shows 47.2dB delta between carrier maximum power and local maximum emission in the restricted band(2483.5MHz)

| High Band | The emission of carrier power strength (dBμV/m) | The maximum field strength in restrict band (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Result |
|-----------|---|--|----------------|-------------|---------|
| 2470MHz | 83.7 | 36.5 | 74 | 37.5 | Peak |
| 2470MHz | 61.5 | 14.3 | 54 | 39.7 | Average |

* The maximum field strength in restricted band is the emission of carrier field strength subtract to the delta between carrier maximum field and local maximum emission in the restricted band.

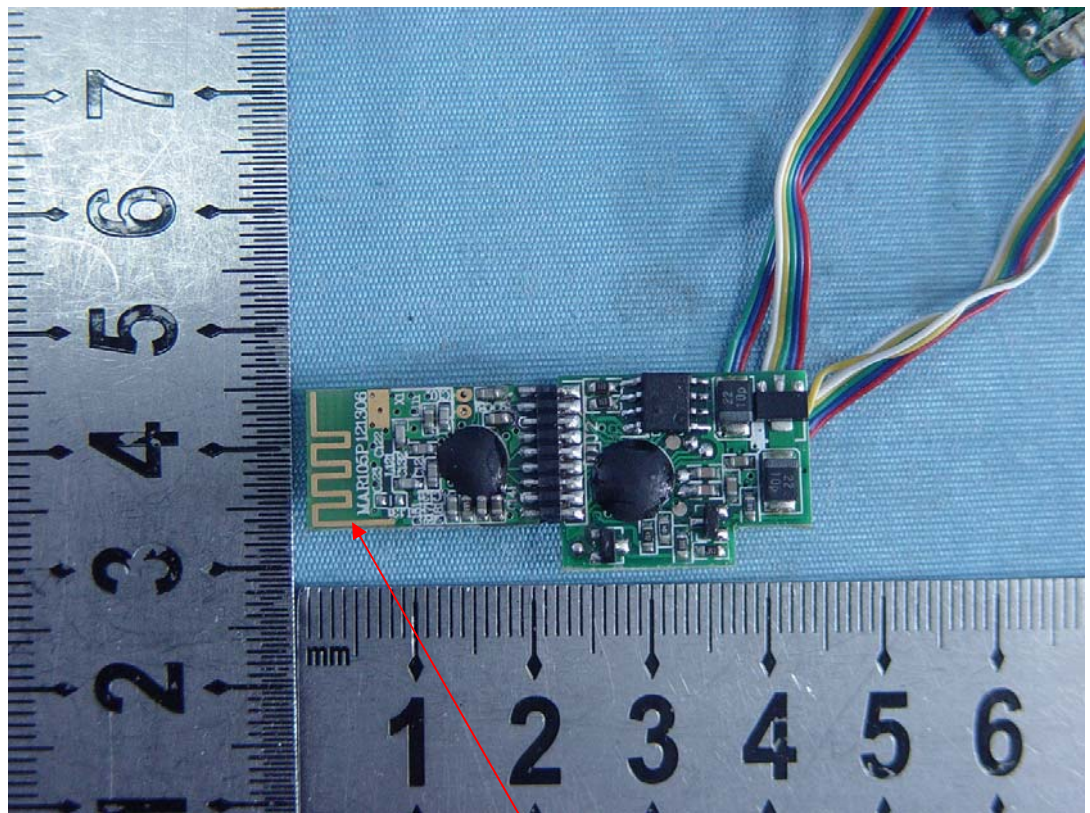
6. ANTENNA REQUIREMENT

6.1. The Requirement

- 7.1.1. According to Section 15.203, An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

6.2. Antenna Construction

The antenna is PCB layout antenna. It is not considered to be user replaceable.



Antenna

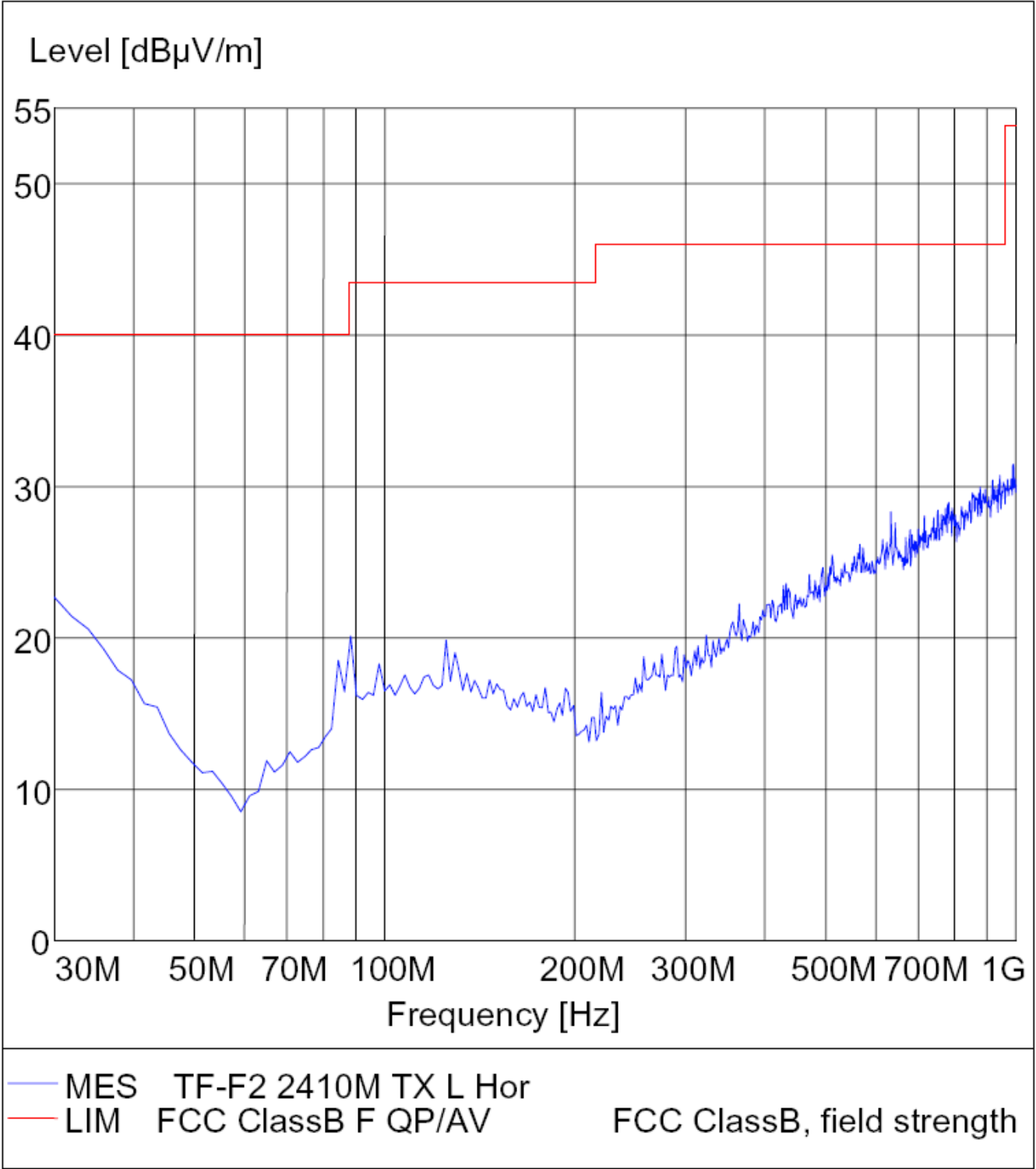
APPENDIX I

(Test Curves)

Radiated Disturbance

FCC Part 15

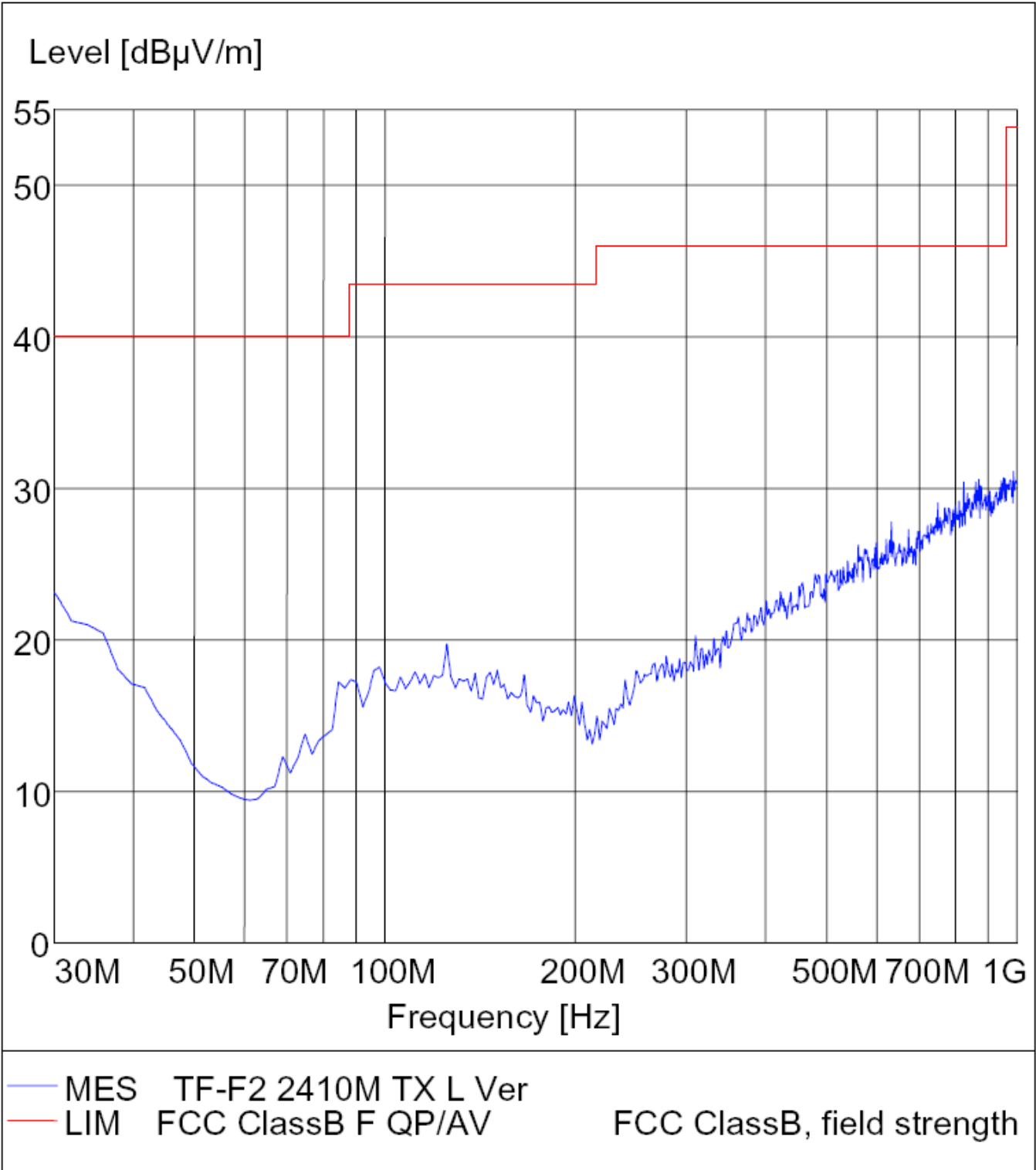
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2410MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Horizontal
Comment : DC 3.7V



Radiated Disturbance

FCC Part 15

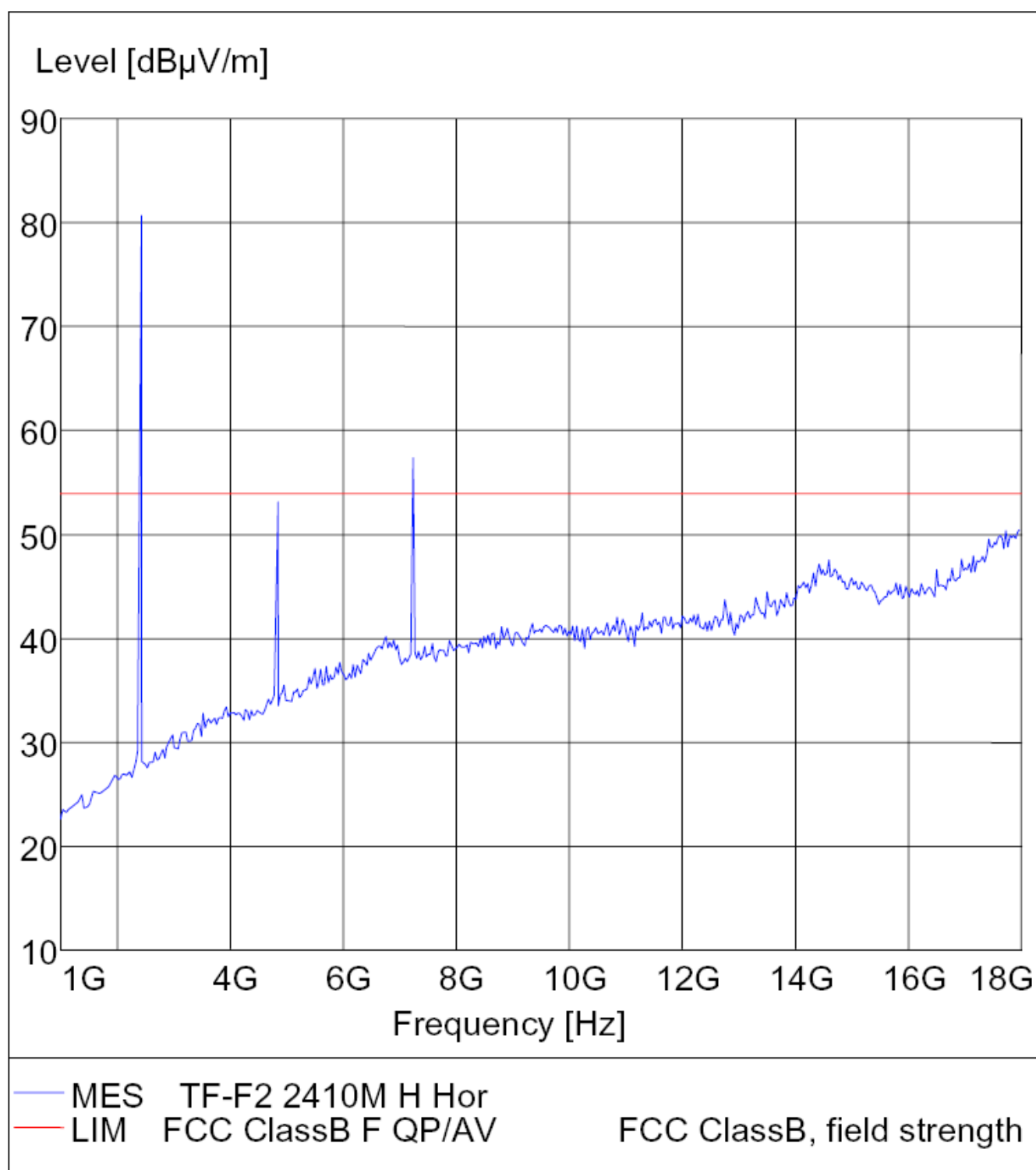
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2410MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Vertical
Comment : DC 3.7V



Radiated Disturbance

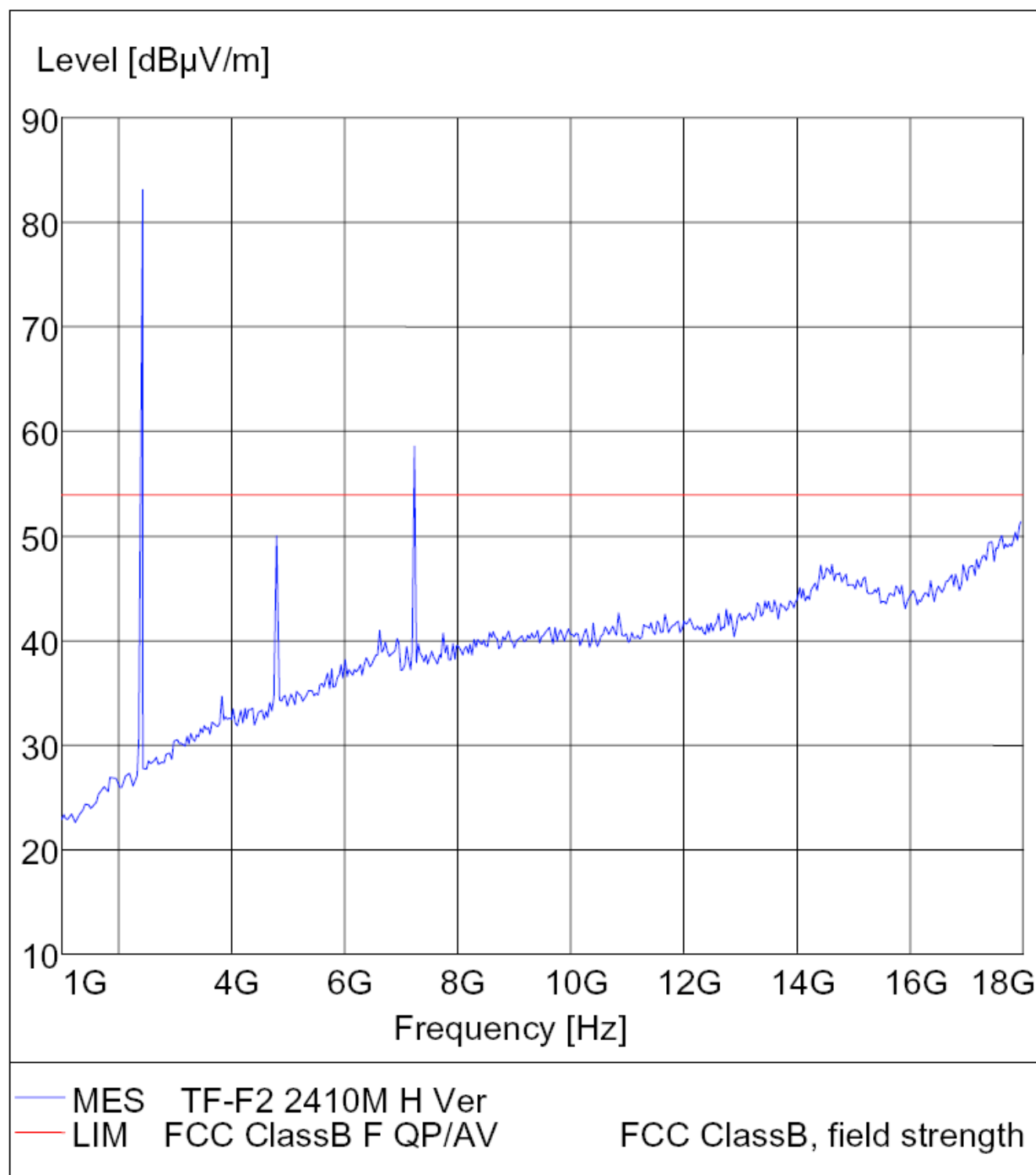
FCC Part 15

EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2410MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Horizontal
 Comment: DC 3.7V



Radiated Disturbance**FCC Part 15**

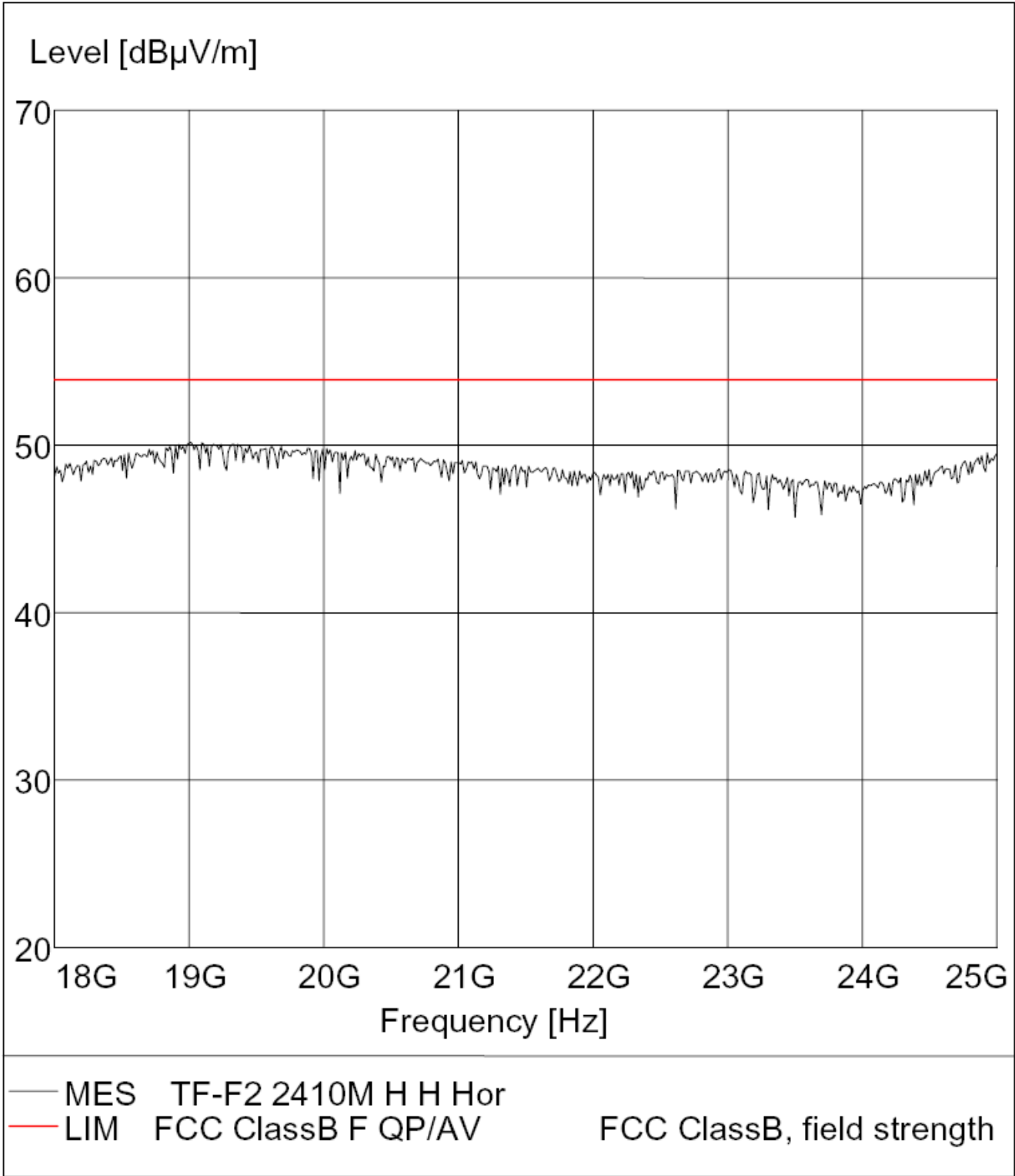
EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2410MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Vertical
 Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

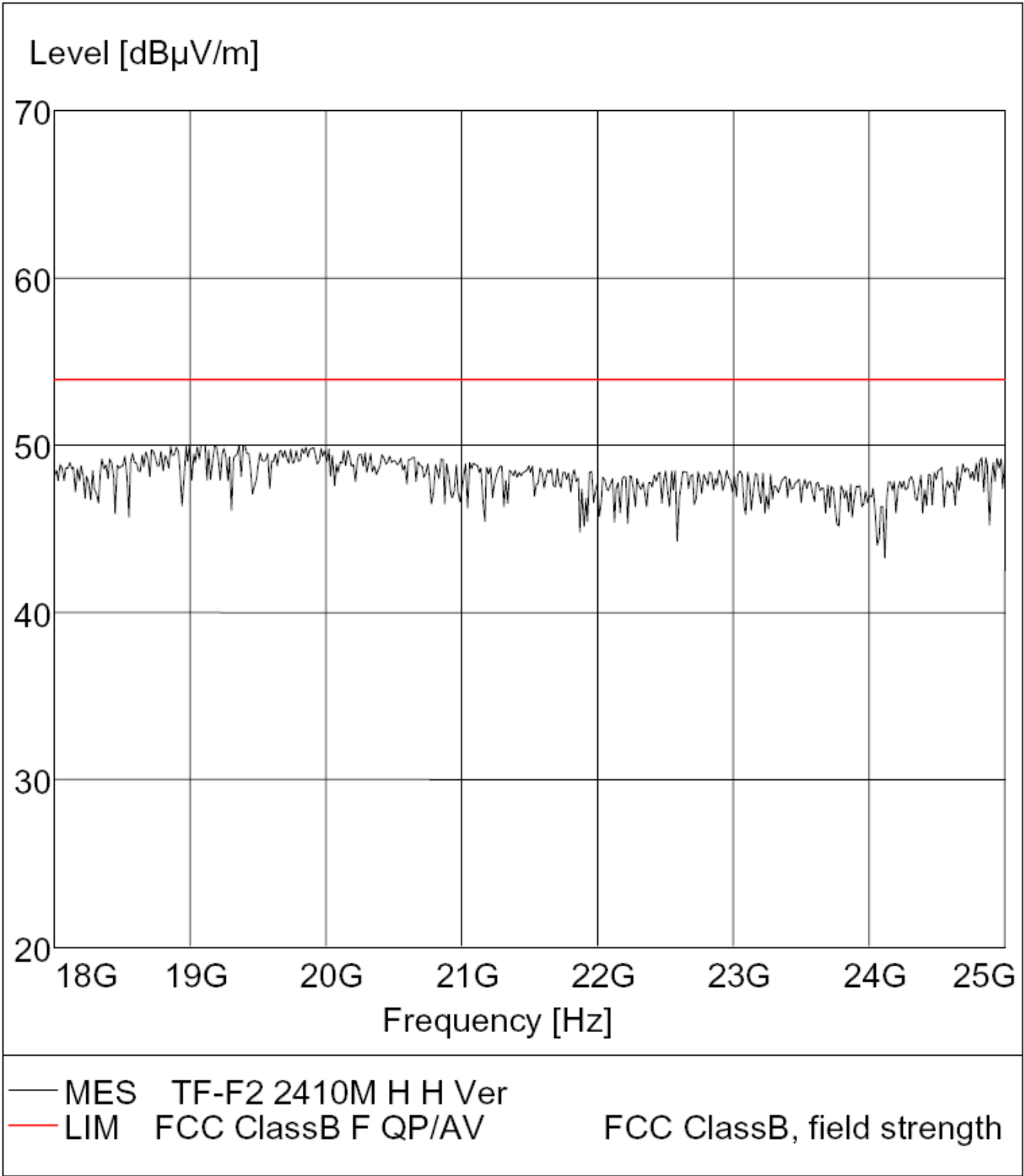
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2410MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Horizontal
Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

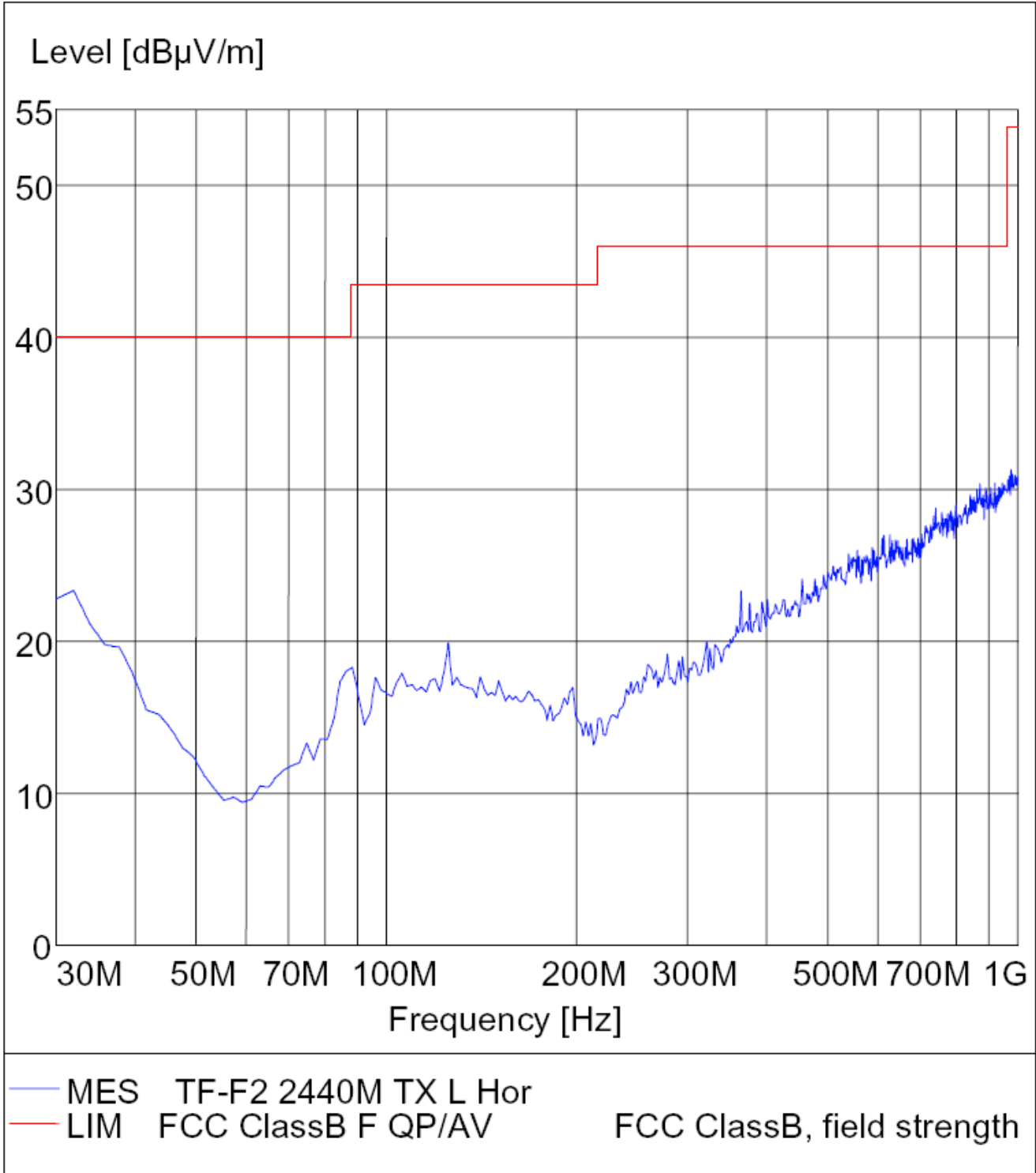
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2410MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Vertical
Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

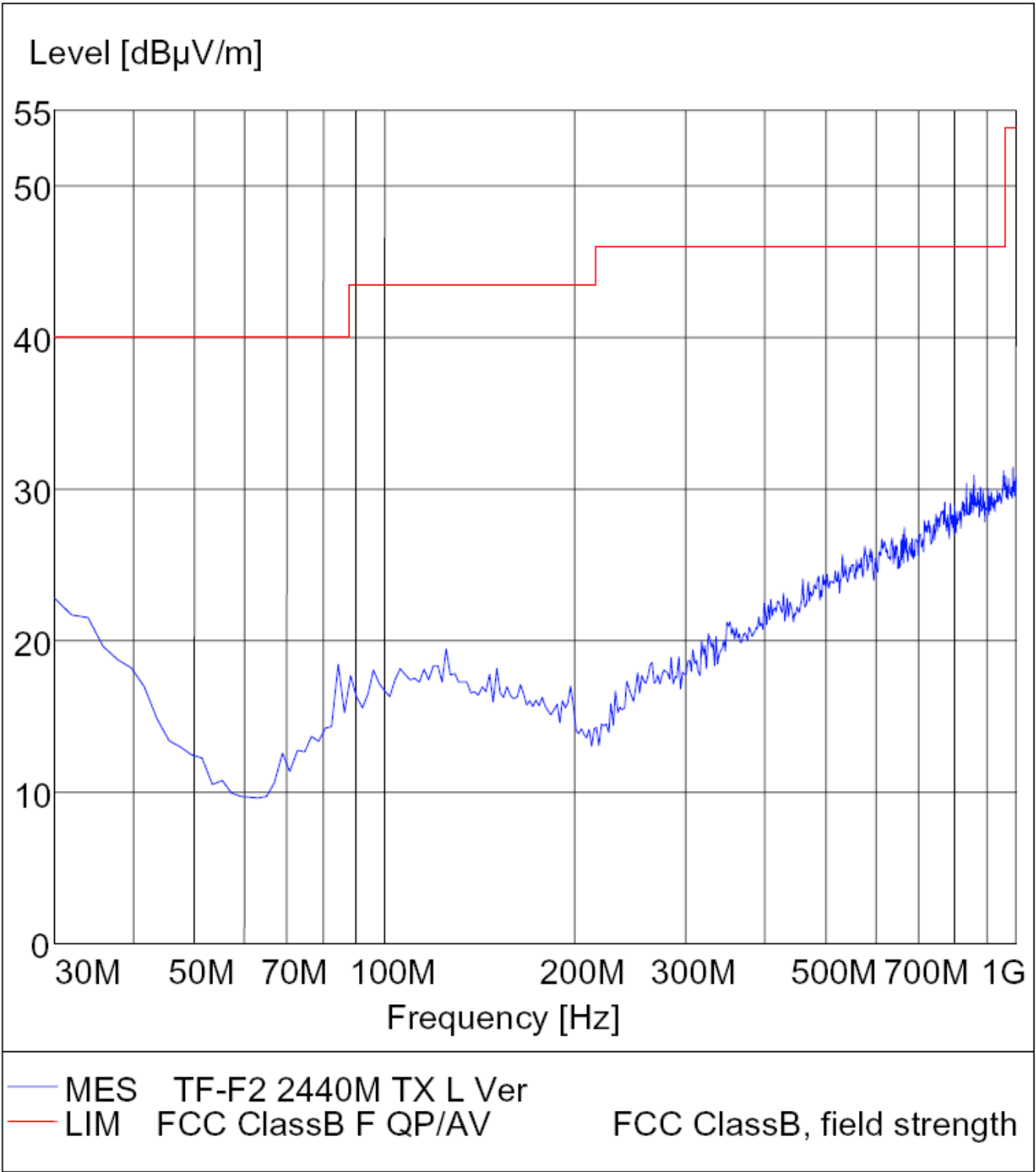
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2440MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Horizontal
Comment : DC 3.7V



Radiated Disturbance

FCC Part 15

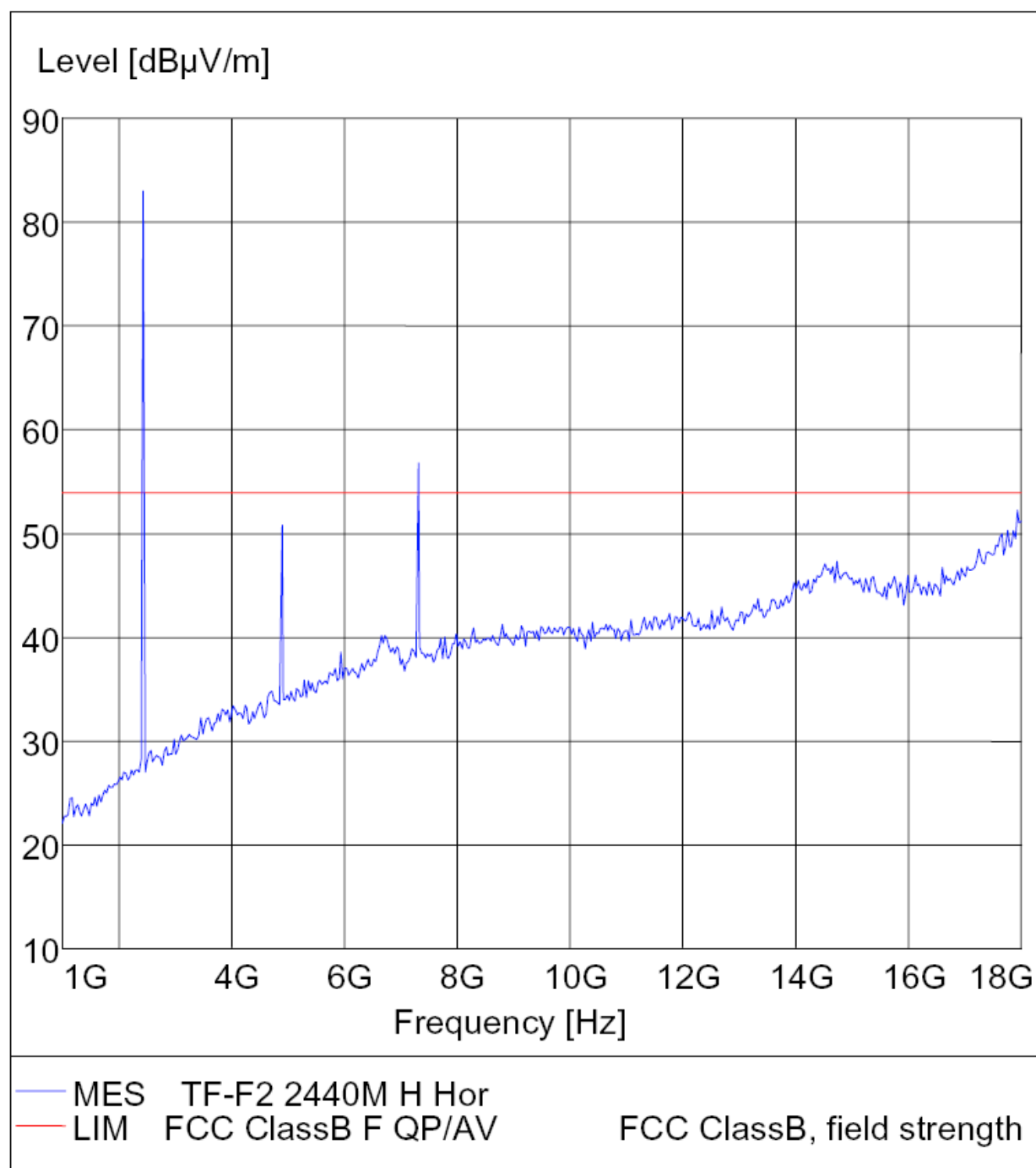
EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2440MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Vertical
 Comment : DC 3.7V



Radiated Disturbance

FCC Part 15

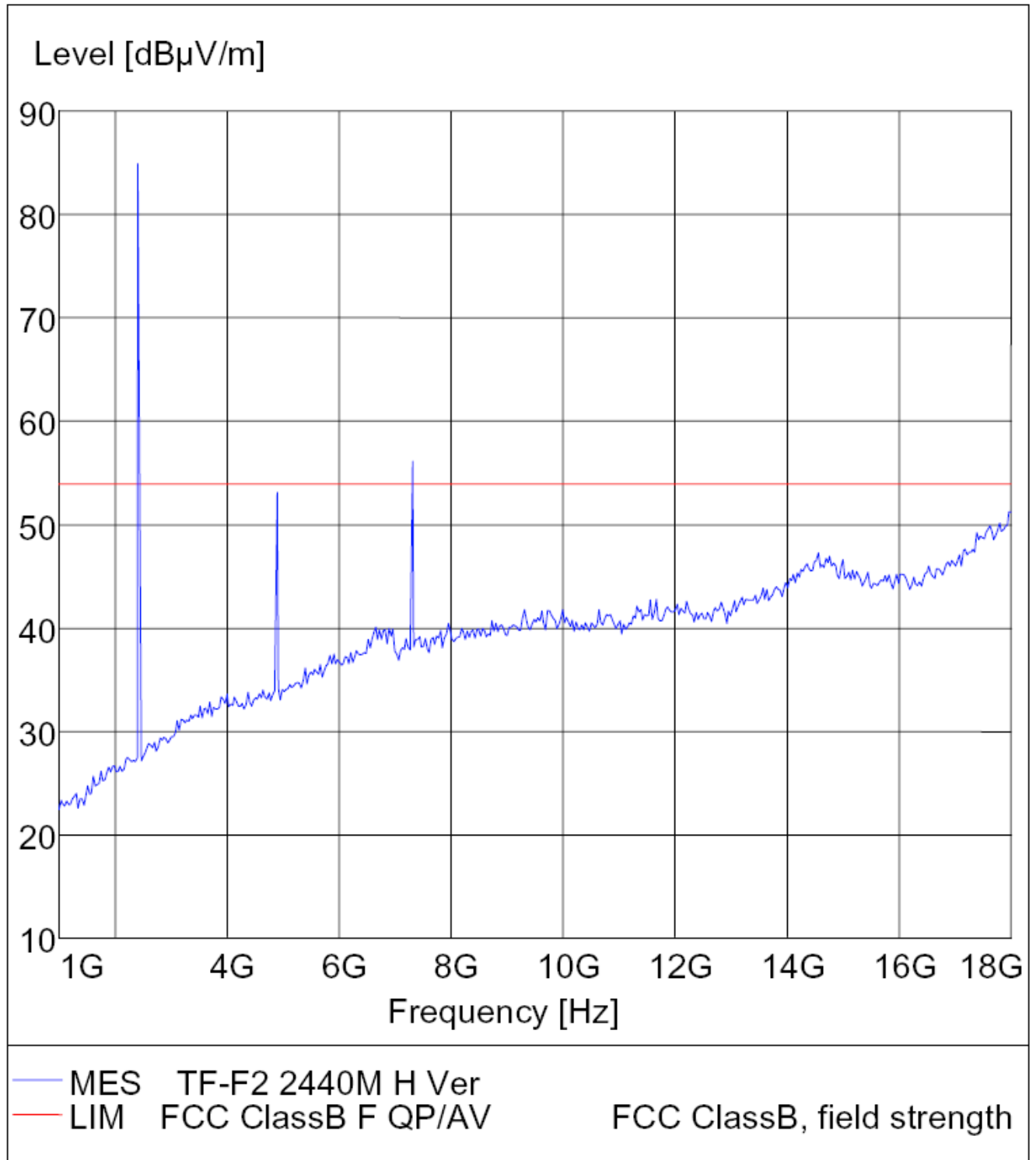
EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2440MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Horizontal
 Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

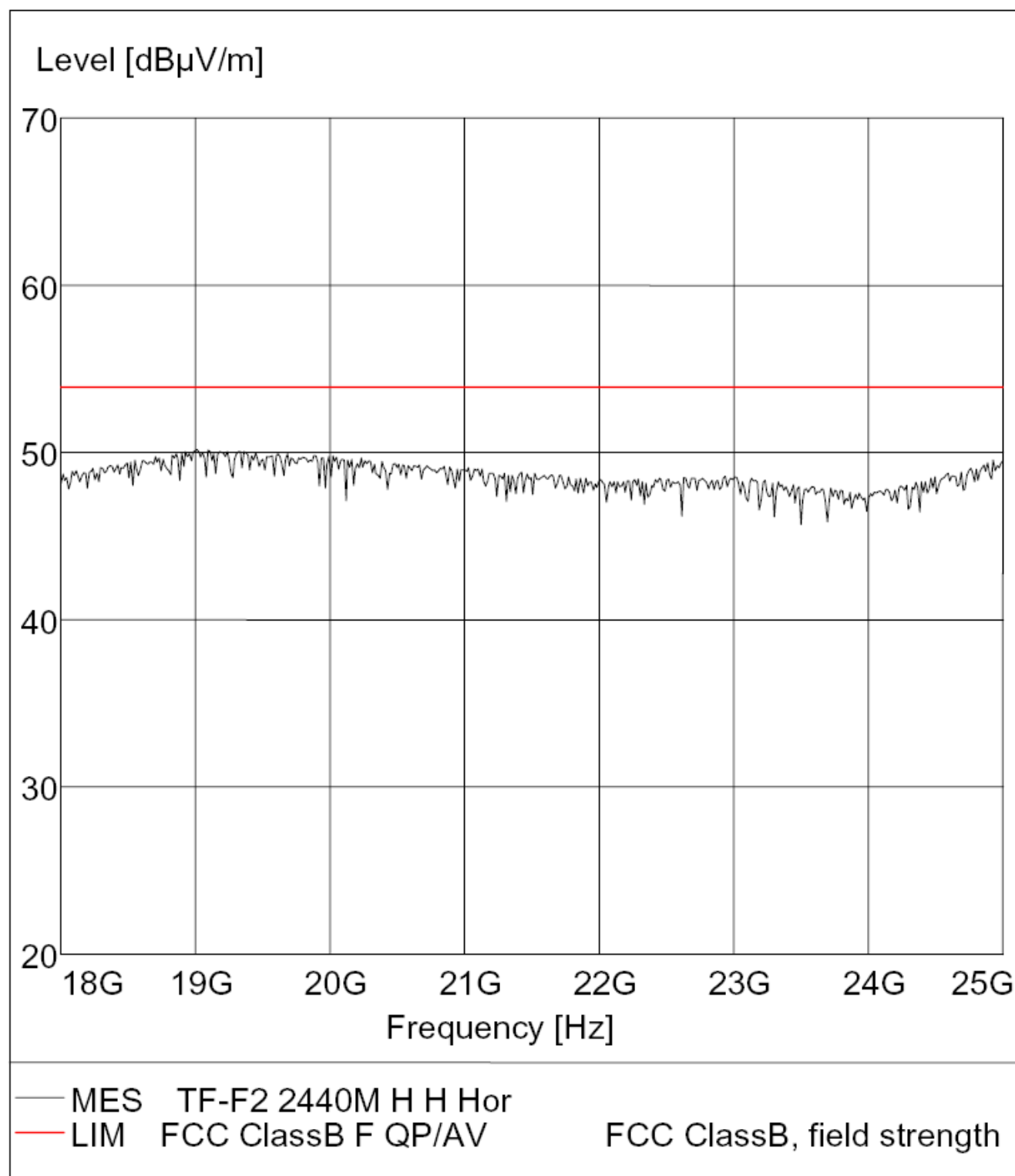
EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2440MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Vertical
 Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

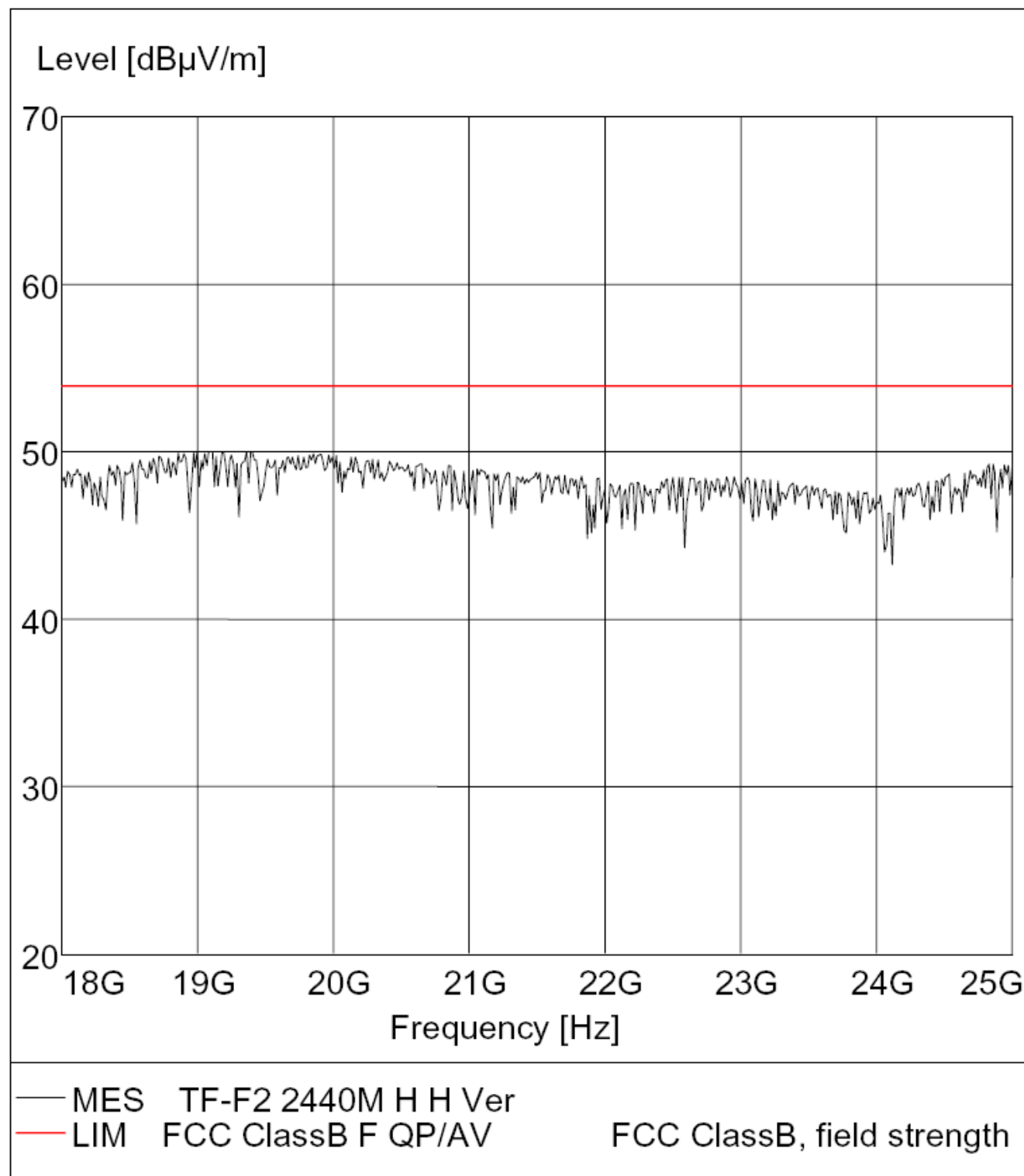
EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2440MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Horizontal
 Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

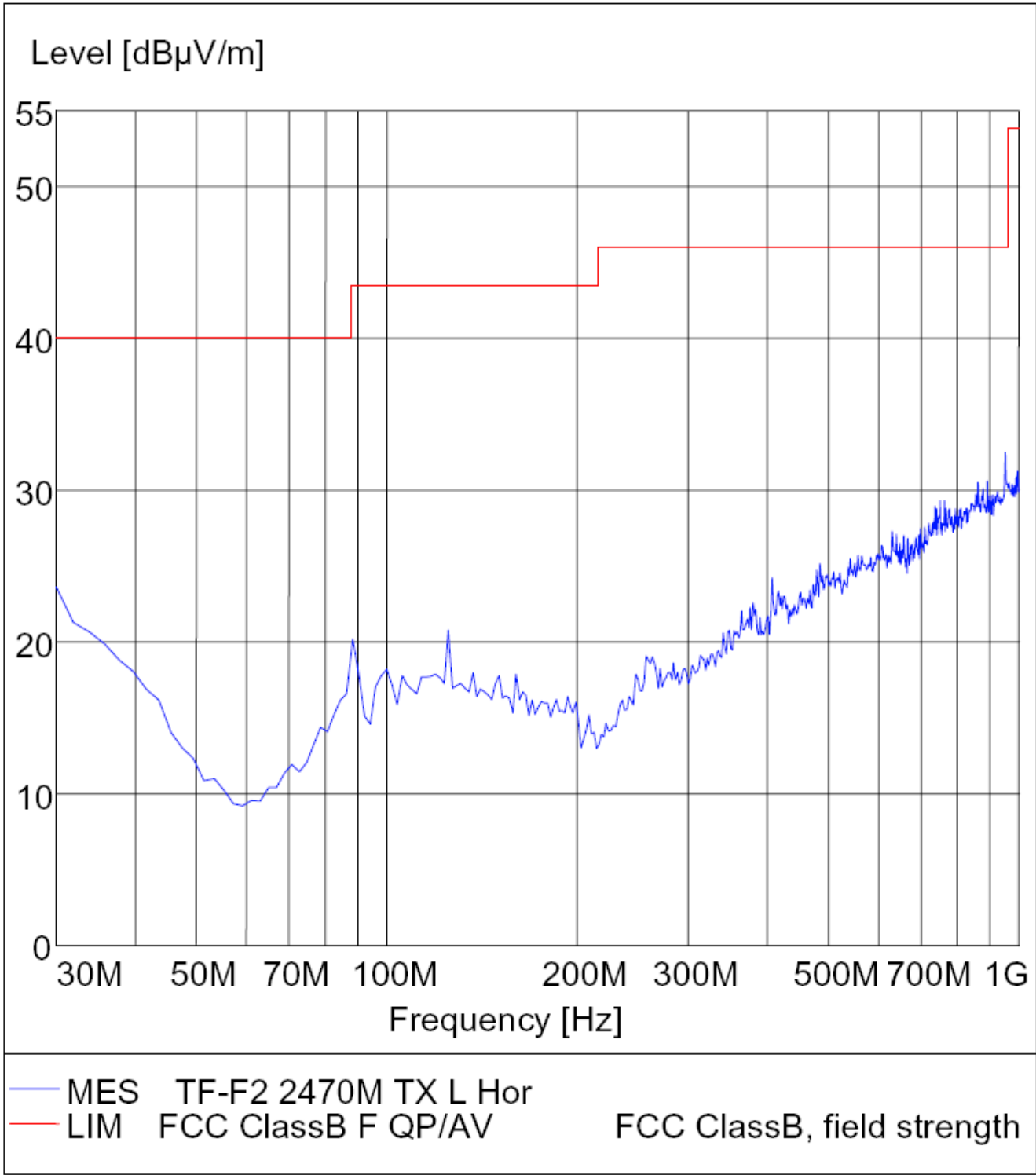
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2440MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Vertical
Comment: DC 3.7V



Radiated Disturbance

FCC Part 15

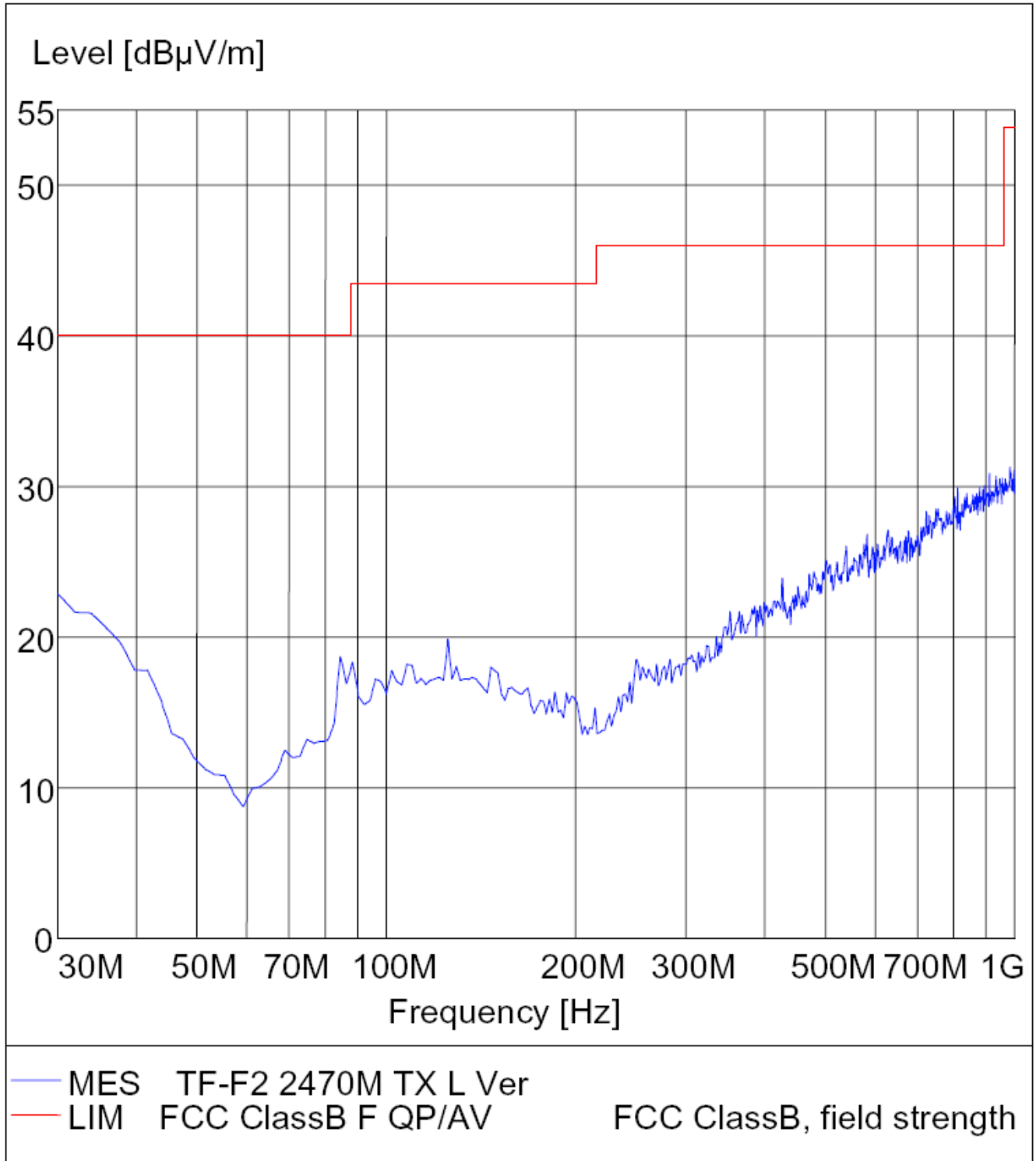
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2470MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Horizontal
Comment : DC 3.7V



Radiated Disturbance

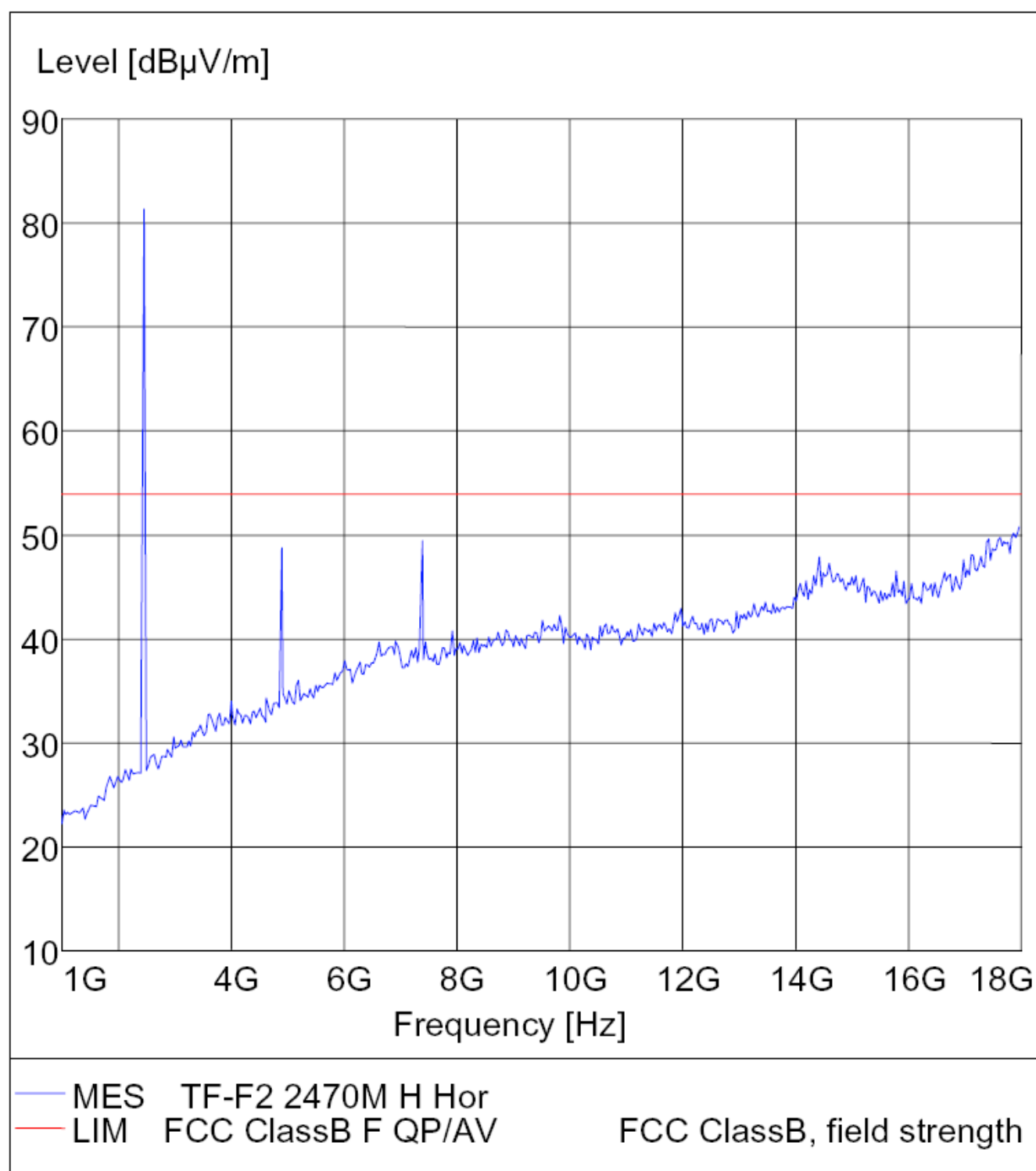
FCC Part 15

EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2470MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Vertical
 Comment : DC 3.7V



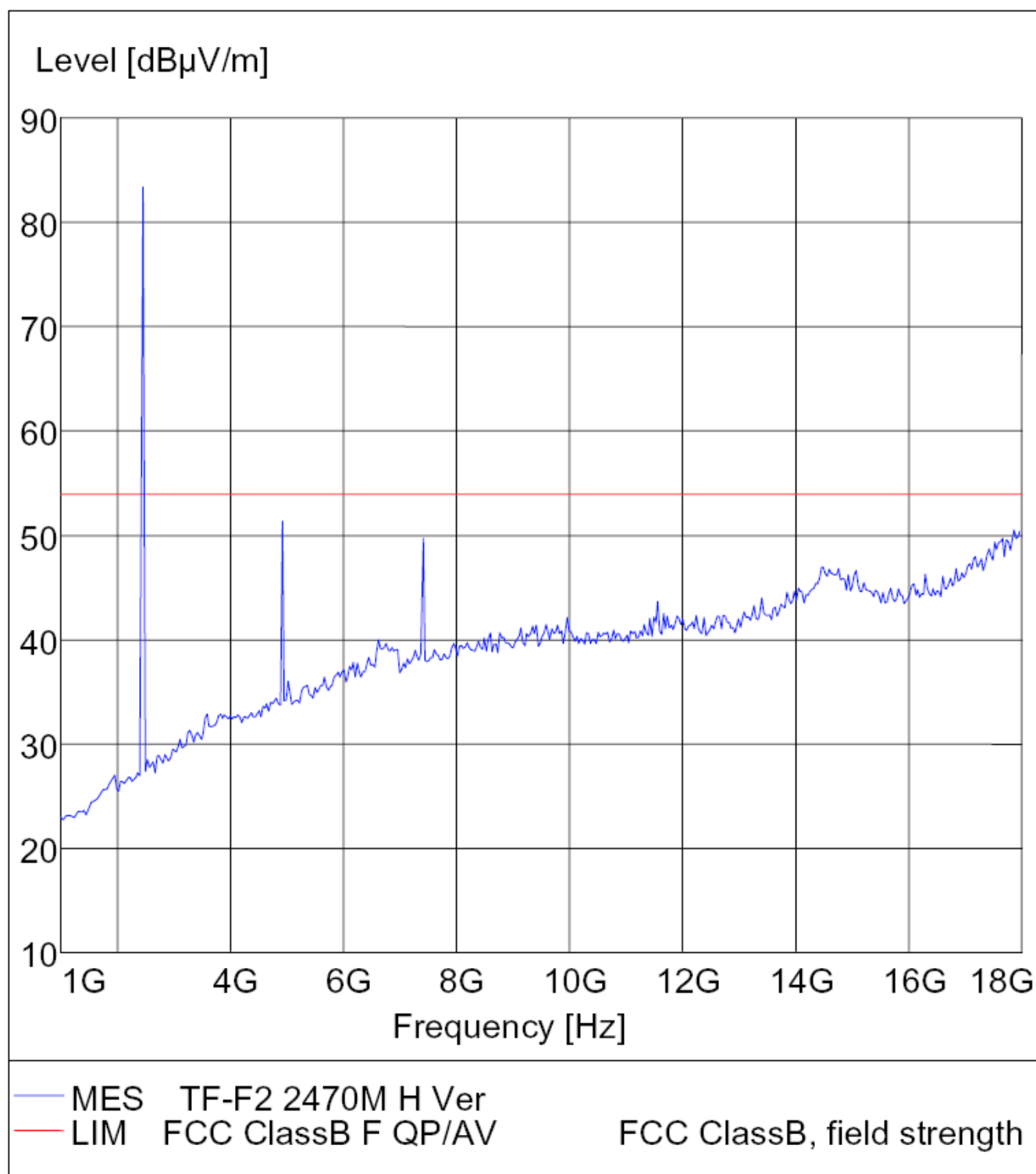
Radiated Disturbance**FCC Part 15**

EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2470MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Horizontal
 Comment: DC 3.7V



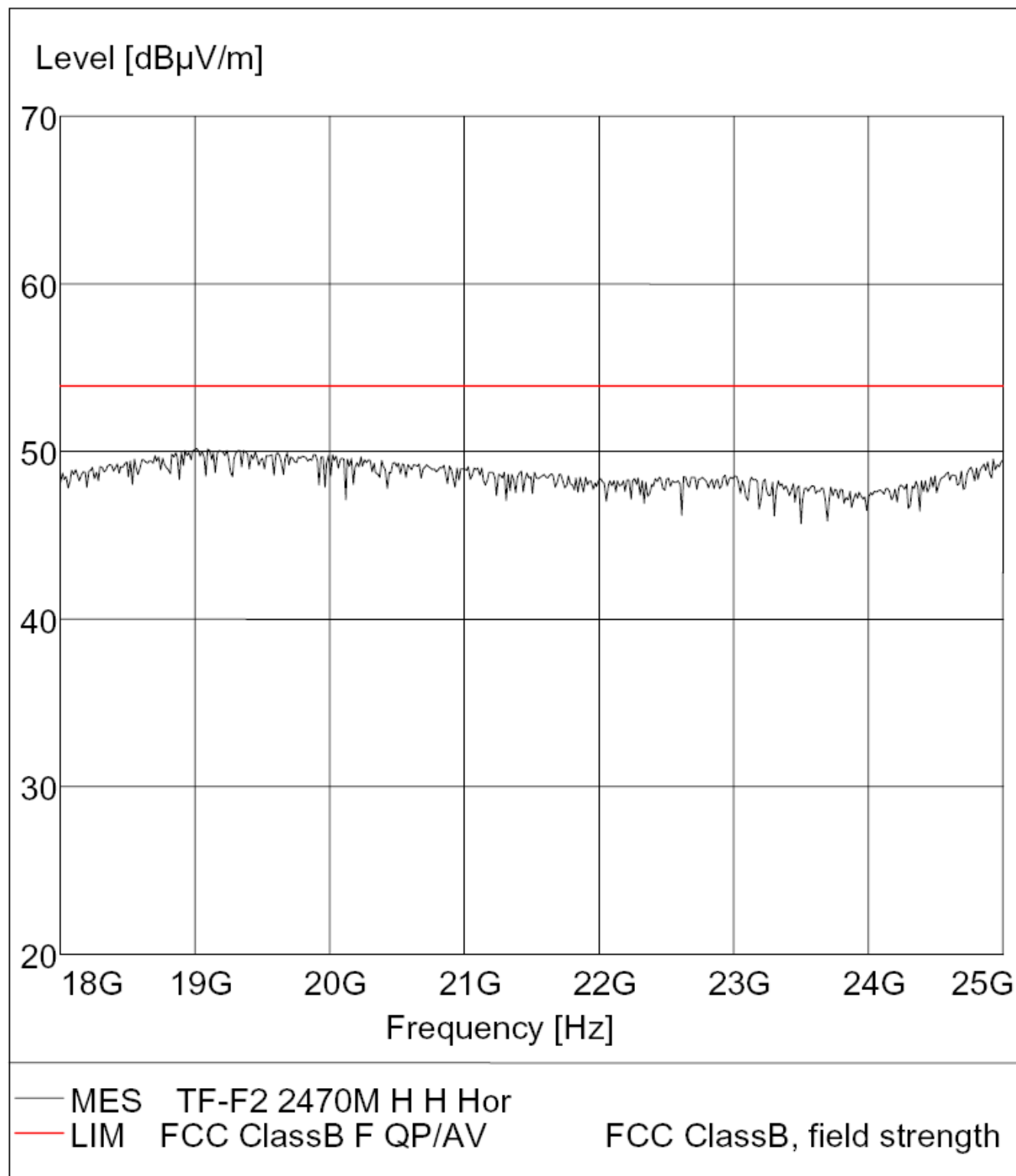
Radiated Disturbance**FCC Part 15**

EUT: Wireless Finger Mouse M/N:TF-F2
 Manufacturer: Shenzhen Topfox Technology
 Operating Condition: 2470MHz TX
 Test Site: ATC EMC Lab.SAC
 Operator: Andy
 Test Specification: Vertical
 Comment: DC 3.7V



Radiated Disturbance**FCC Part 15**

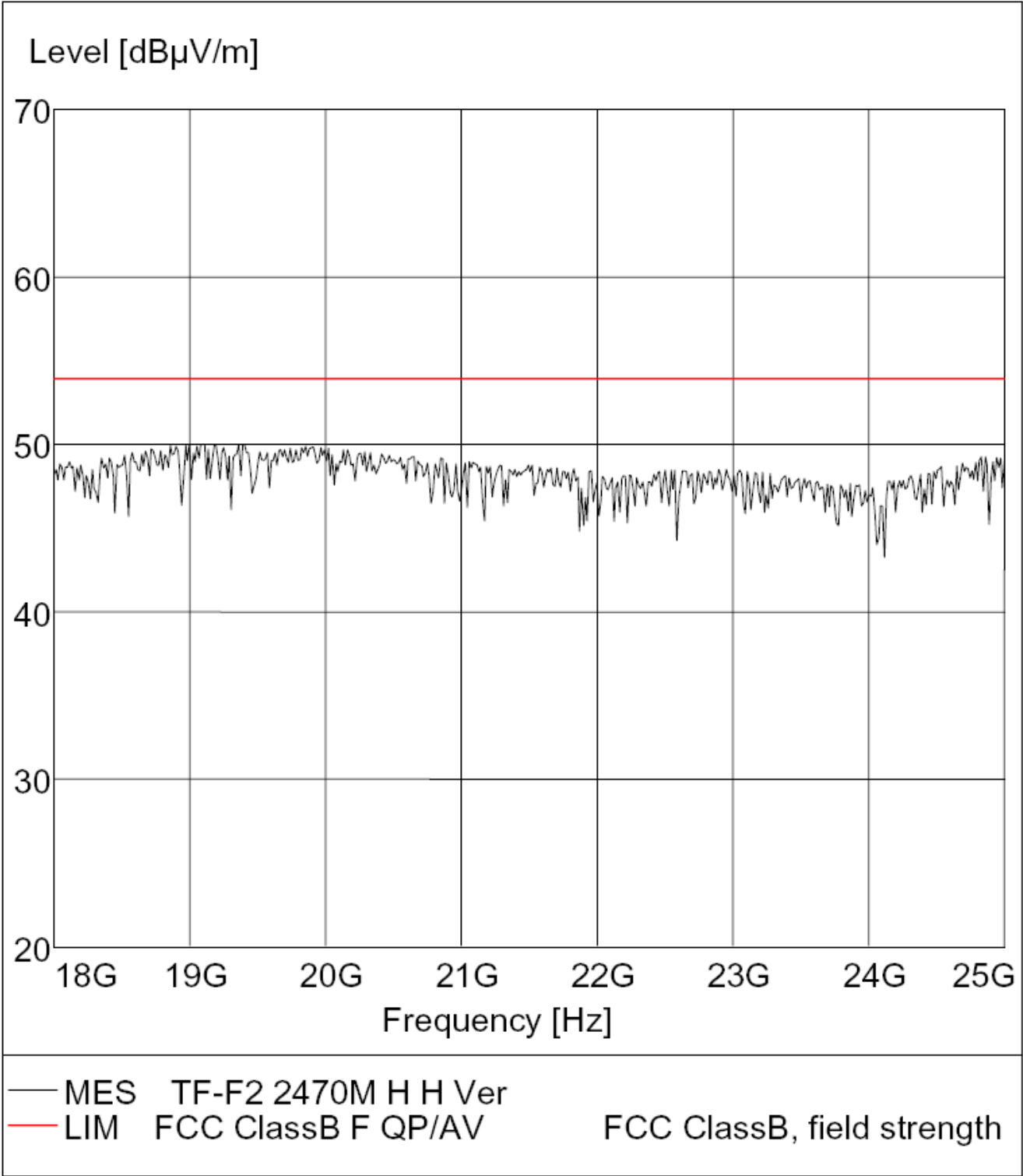
EUT: Wireless Finger Mouse M/N:TF-F2
Manufacturer: Shenzhen Topfox Technology
Operating Condition: 2470MHz TX
Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Horizontal
Comment: DC 3.7V



Radiated Disturbance

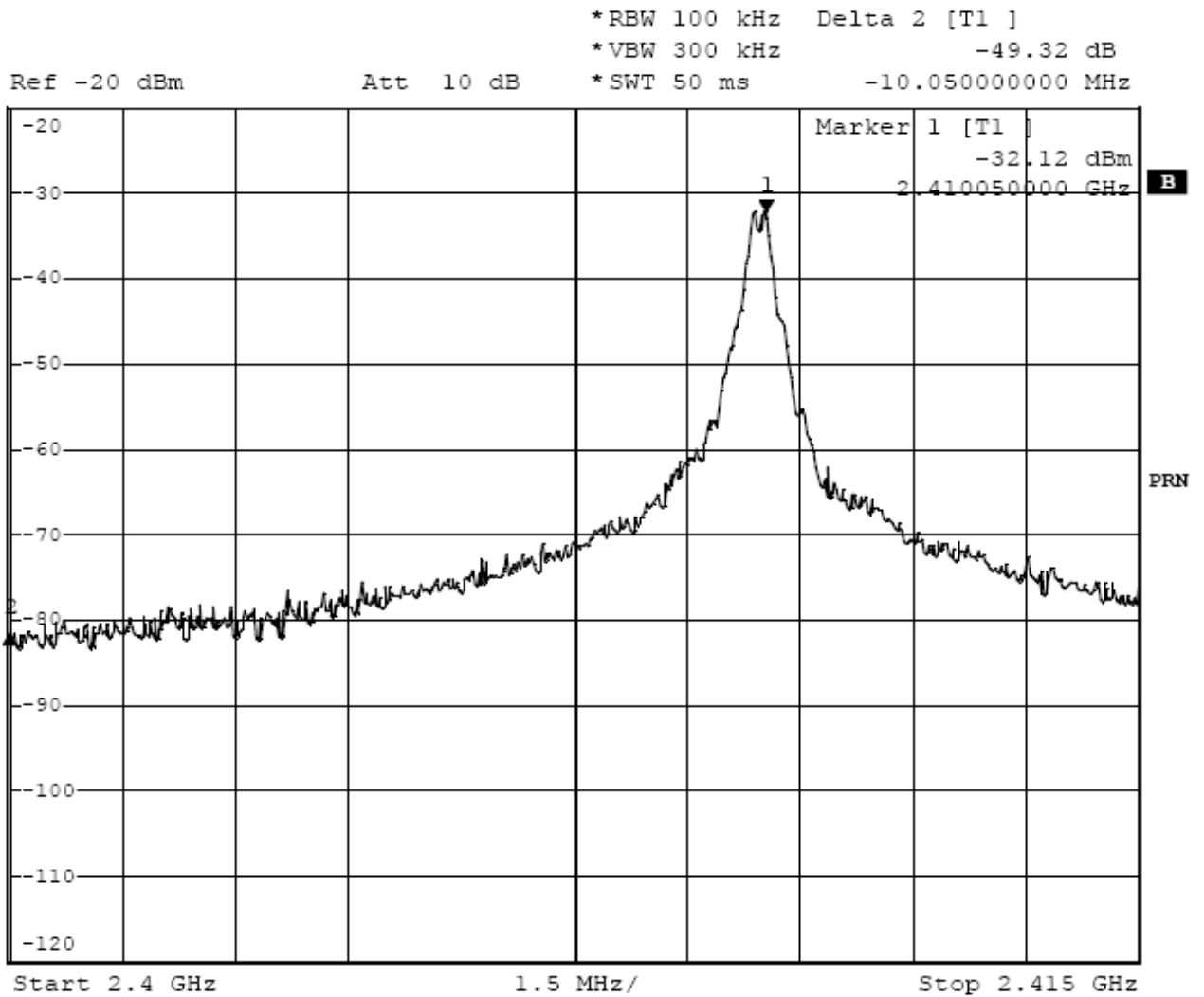
FCC Part 15

EUT: Wireless Finger Mouse M/N:TF-F2
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Test Site: ATC EMC Lab.SAC
Operator: Andy
Test Specification: Vertical
Comment: DC 3.7V





1 PK
VIEW





*RBW 100 kHz Delta 2 [T1]
*VBW 300 kHz -47.20 dB
*SWT 50 ms 12.580000000 MHz

Ref -20 dBm

Att 10 dB

1 PK
VIEW

